



**COBBS CREEK CONSENT DECREE PACKAGE 5(CD-5)
PHASES 1 & 2
IMPROVEMENT PROJECT**

Virtual Community Meeting

Tuesday, July 11, 2022 @ 6:30 p.m.





WELCOME AND INTRODUCTIONS

Mr. David E. Hayes

Director of Watershed Management



GREETINGS

Phase 1 District 3, 4 and Super Districts 6 & 7 – DeKalb County Commissioners

Phase 2 Districts 3 and Super District 6 – DeKalb County Commissioners

Larry Johnson

Steve Bradshaw

Edward “Ted” Terry

Lorraine Cochran-Johnson

MEETING AGENDA



WELCOME AND INTRODUCTIONS:

Mr. David Hayes, Director

DEPARTMENT OF WATERSHED OVERVIEW:

Mr. David Hayes, Director

THE ASSESSMENT & PROBLEM:

Mr. Kerry B. Williams, P.E., PMP, Engineering Manager

THE SOLUTION:

Ms. Cassandra Marshall, PMP, Assistant Director - CIP

COBBS CREEK PROJECT SCOPE OVERVIEW:

Mr. Kian Baniassad, PMP, MBA, Sr. Engineer/ Technical Project Manager

COBBS CREEK CONSTRUCTION OVERVIEW:

Mr. Bacchus "BJ" Jackson, Construction Project Manager

THE COMMUNITY:

Ms. Cassandra Marshall, PMP, Assistant Director - CIP

PUBLIC COMMUNICATIONS:

Ms. Alicia T. Pennie, Public Relations Manager

QUESTIONS



DEPARTMENT OF WATERSHED OVERVIEW

Mr. David E. Hayes

Director of Watershed Management



• WHAT WE DO...

- Serve approximately 700,000+ DeKalb County residents
- Treat up to 128 Million Gallons per Day (MGD) finished drinking water/day
- Distribute ~70 MGD/day of safe drinking water
- Treat up to 56 MGD treated wastewater per day
- Maintain over 5,000 miles of water distribution and sanitary sewer collection piping

Intake river water from the environment

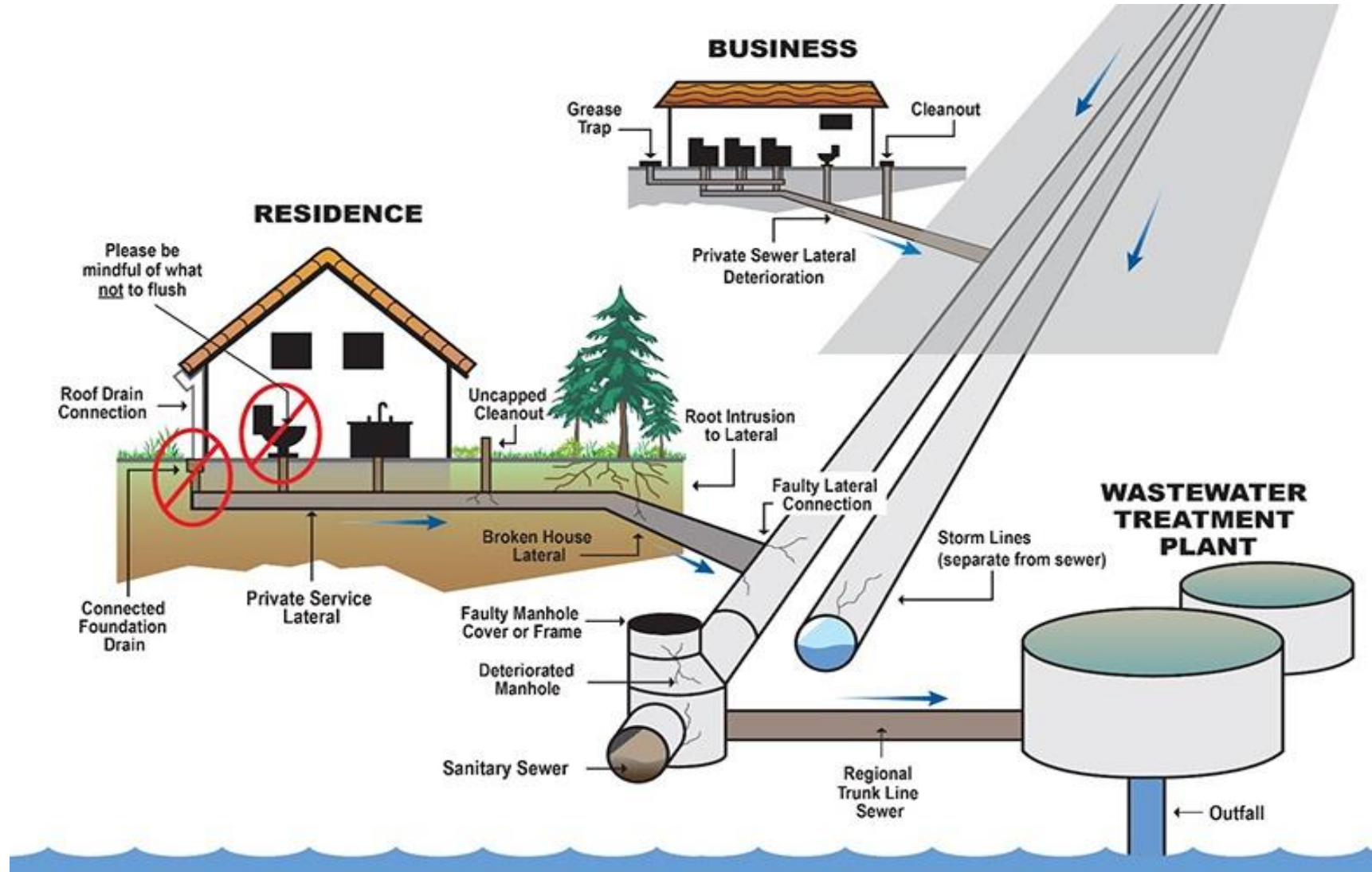
Treat and produce safe, clean drinking water

Distribute drinking water to customers

Collect wastewater from customers

Treat wastewater and return to the environment

WASTEWATER SYSTEM OVERVIEW: WHAT'S A GRAVITY SEWER?



WHY IS DEKALB COUNTY REPLACING AND/OR REPAIRING SEWER LINES?



DeKalb County Department of Watershed Management's Engineering and Construction Management Division is leading the effort to repair and replace the county's aging infrastructure. These repairs will:



TEAM INTRODUCTIONS



DeKalb County Department of Watershed Management
Engineering and Construction Management will lead a team of
Engineers, Inspectors and Contractor Crews.





THE ASSESSMENT & THE PROBLEM

Mr. Kerry Williams, P.E., PMP
Engineering Manager

Problem Assessment

- Smoke Testing
 - 10 cleanout caps that needed to be replaced
- Closed Circuit TV
 - Identified over 15 pipes in upstream area with notable defects including holes, cracks, and fractures to be rehabilitated in addition to the pipes to be upsized for capacity
 - These defects can allow groundwater/stormwater to enter the sewer using capacity
 - Rehabilitation of these defects (example on the right was lined Nov 2019) will reduce flow in the pipes
 - 15 vented manhole lids for replacement with solid lids
- Structural Condition Assessment and Inspection
- Acoustical Testing
- Hydraulic Modeling



THE PROBLEM

Repeated SSOs

8 wet weather-related spills since 2017 in this area
Most recent spill on October 10, 2020 occurred during a severe wet weather event with rainfall intensities exceeding a 5-year recurrence probability

Priority Fix List (PFL)

Aged Infrastructure

Lack of Capacity

Operational Efficiencies



THE SOLUTION

Ms. Cassandra M. Marshall, PMP
Assistant Director - CIP

CAPITAL IMPROVEMENT PROJECT OVERVIEW



- What is a Capital Improvement Project (CIP)?
 - A project that helps maintain or improve an asset.
 - The new construction or replacement of an infrastructure.
- In 2021, the Board of Commissioners approved a new CIP for \$2.4 billion dollars for projects to be completed from 2021 to 2030.
 - The Phase 1 Cobbs Creek Sewer Improvement project is a \$19 million project that is included in that plan.
 - The Phase 2 Cobbs Creek Sewer Improvement project is a \$6 million project that is included in that plan.
- The CIP Team is responsible for executing the work done after the engineering has been completed.





COBBS CREEK CD-5 PHASES 1 AND 2 PROJECT SCOPE OVERVIEW

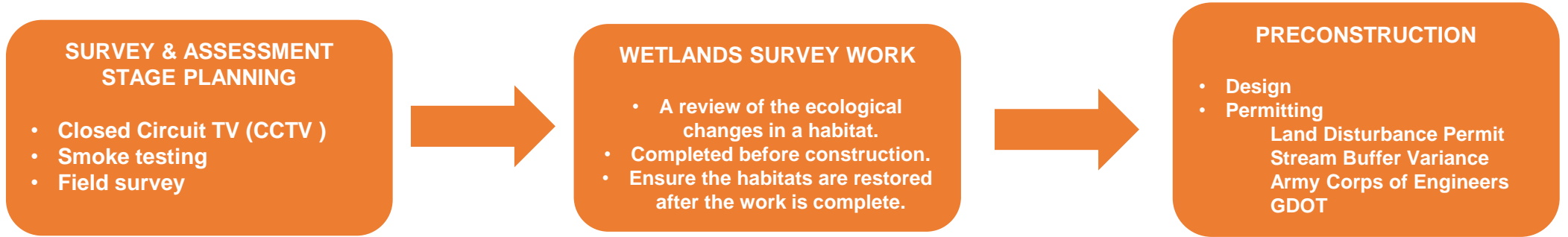
Mr. Kian Baniassad, PMP, MBA

Sr. Engineering/ Technical Project Manager

PROJECT OVERVIEW



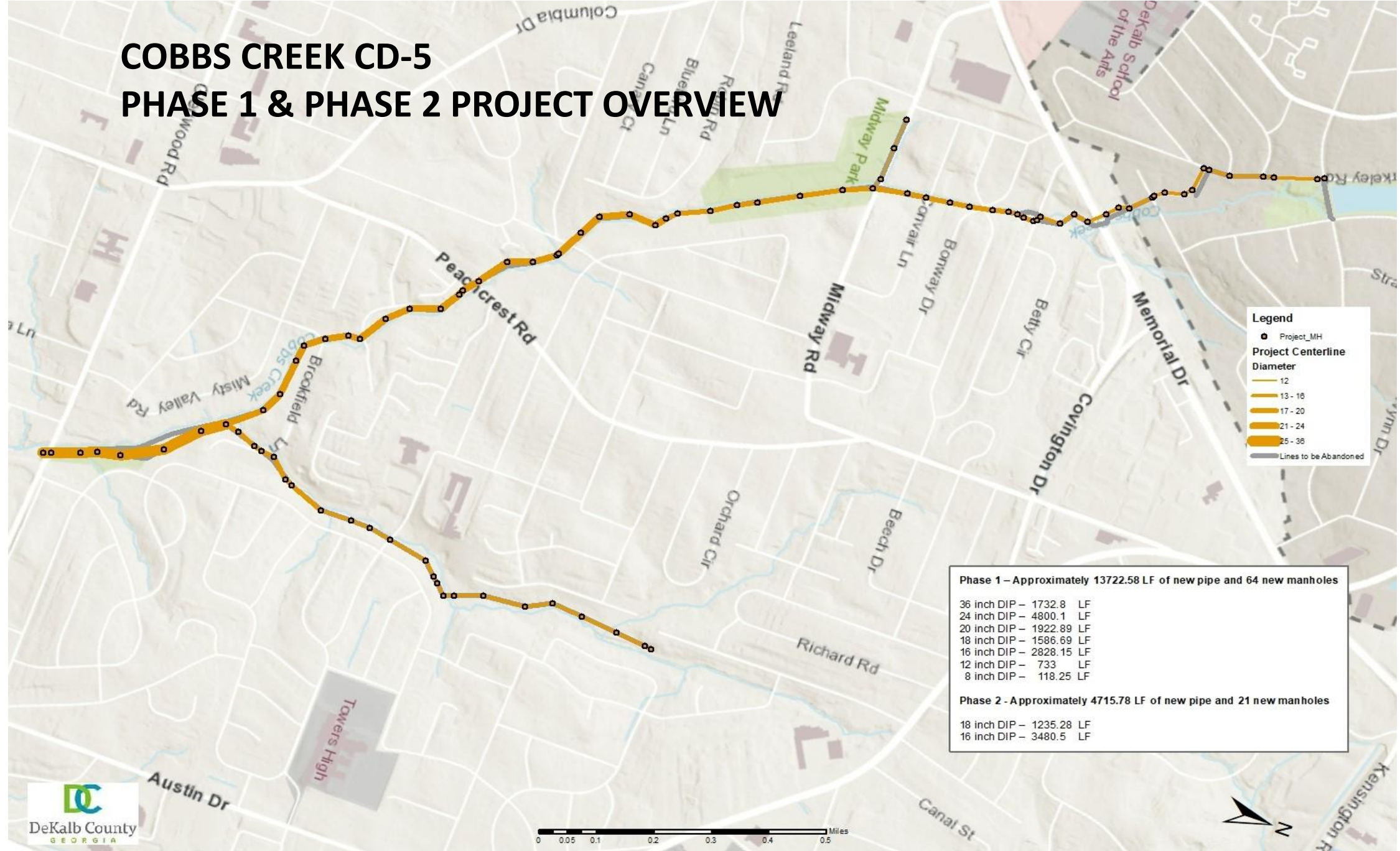
November 2016-
December 2020



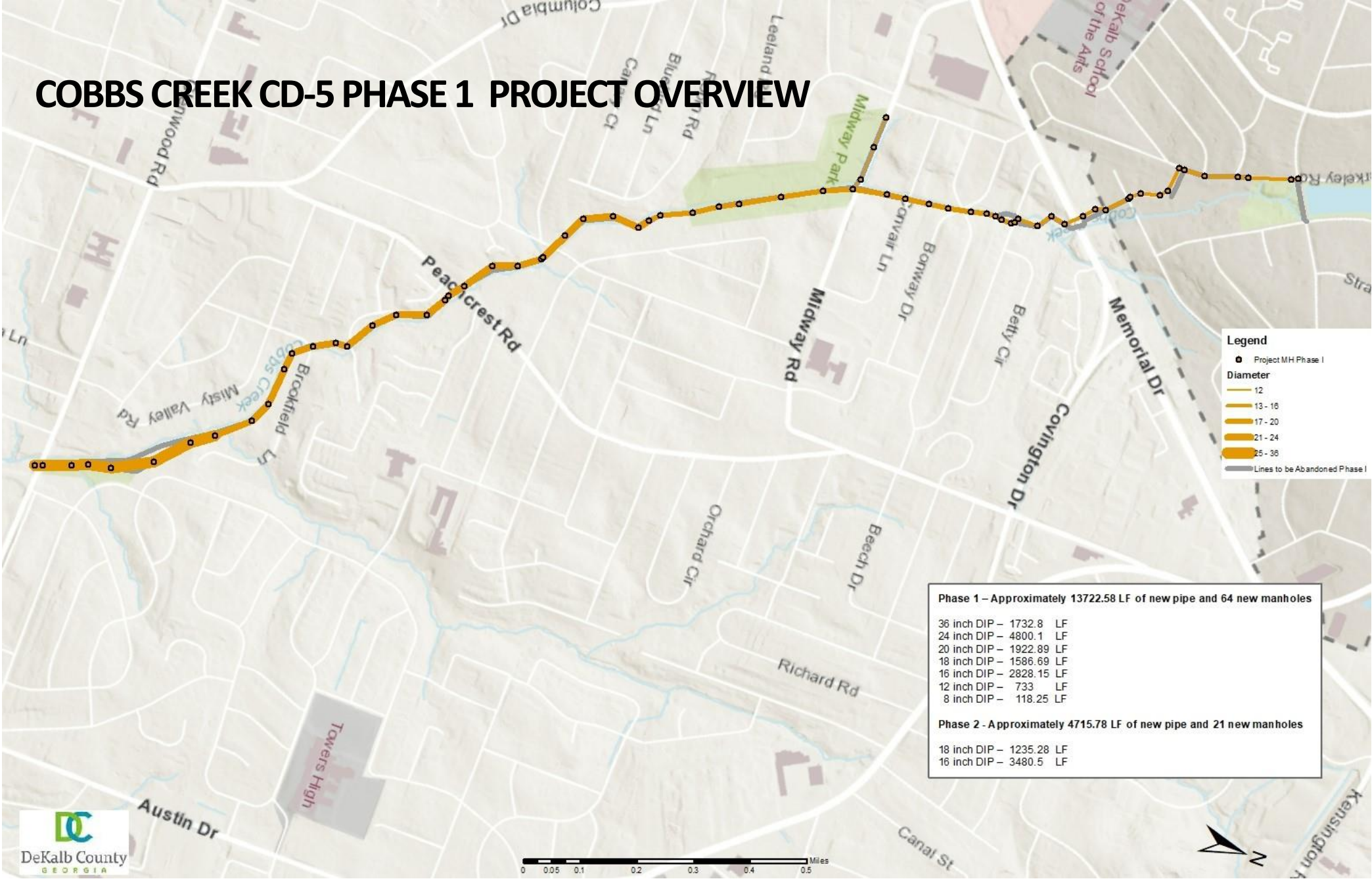
Summer 2023
– December
2025



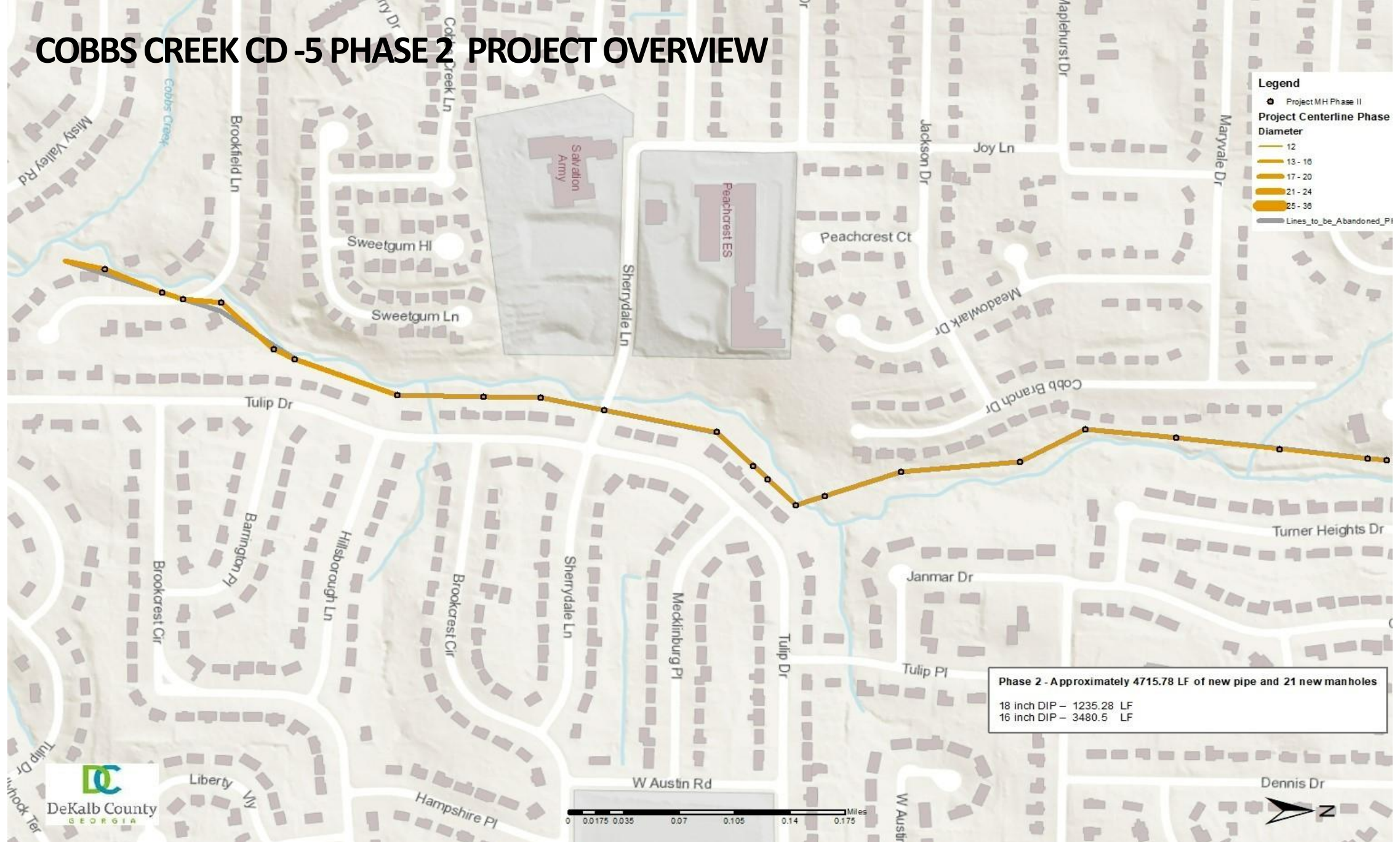
COBBS CREEK CD-5 PHASE 1 & PHASE 2 PROJECT OVERVIEW



COBBS CREEK CD-5 PHASE 1 PROJECT OVERVIEW



COBBS CREEK CD -5 PHASE 2 PROJECT OVERVIEW



COBBS CREEK CD-5

PHASES 1 & 2

PROJECT SCOPE



Phase 1 - Approximately 13,722 LF of new pipe 64 new manholes

- 36-inch DIP – 1732.8 LF
- 24-inch DIP – 4800.1 LF
- 20-inch DIP – 1922.89 LF
- 18-inch DIP – 1586.69 LF
- 16-inch DIP – 2828.15 LF
- 12-inch DIP – 733 LF
- 8-inch DIP – 118.25 LF

Phase 2 - Approximately 4,715 LF of new pipe 21 new manholes.

- 18-inch DIP – 1235.28 LF
- 16-inch DIP – 3480.5 LF

Conventional open cut excavation and jack and bore methods

Bypass sewage flows around section(s) under construction



COBBS CREEK CD-5 CONSTRUCTION SCOPE OVERVIEW

Mr. Bacchus "BJ" Jackson
Construction Project Manager

Cobbs Creek Sewer (CD-5) Improvement Project Construction Overview

- Boots on the ground
- Responsible for construction activities
 - Clearing within the right of way
 - Ensuring that erosion and sedimentation controls are in place
 - Ensuring proper installation of pipe
 - Enforcing safety measures are followed



METHODS OF CONSTRUCTION



Jack and Bore

- Trenchless method of sewer construction
- Dig a sending pit and a receiving pit to install a new sewer pipe .
- Place a jack and bore machine in the sending pit and Cut a hole underground horizontally from the sending pit to the receiving pit, **without disturbing the surface above.**



Open Cut Trench Excavation

- Traditional method for sewer construction, repair, or replacement.
- Most economical method of construction to achieve the County's desired results for gravity sewer.
- Provides the service best suited to the scope of this project.

Duration of the Project:



Phase 1 COBBS CREEK CD-5 SCHEDULE OVERVIEW

- The construction started in June 2023 and is estimated to be complete by December 2025.

Phase 2 COBBS CREEK CD-5 SCHEDULE OVERVIEW

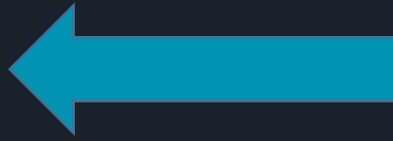
- The construction is anticipated to start November 2023 and is estimated to be complete by June 2025.

**All dates are weather and site condition dependent.*

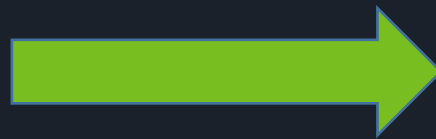
Before



- Construction work zone



- Restoration



After





THE COMMUNITY

Ms. Cassandra M. Marshall, PMP
Assistant Director – CIP

COMMUNITY AWARENESS

- What to Expect
 - Construction Traffic (Both Foot Traffic And Vehicles)
 - Construction Deliveries
 - Construction Parking
 - Safety and Security
 - Noise Increase
 - Back Up Alarms (Safety Mechanism)
 - Bypass Pumps
 - Delineating Construction Zones
 - County contractors and employees will have a County issued badge
 - Work Hours
 - 8am – 5pm (high impact residential areas)
 - Environmental Protection
 - Construction entrance and exits
 - Minimize dust control and dirt on streets



COMMUNITY AWARENESS



- Construction yard signage will be clearly and carefully placed to alert community of streets affected by construction

- Contractor will also have vehicles on site marked with either a company logo or a DeKalb County contractor sign



Michael Thurmond
Chief Executive Officer

Board of Commissioners

District 1
Robert Patrick

District 2
Jeff Rader

District 3
Larry Johnson

District 4
Steve Bradshaw

District 5
Merreda Davis Johnson

District 6
Edward "Ted" Terry

District 7
Lorraine Cochran-Johnson

DEKALB COUNTY
DEPARTMENT OF WATERSHED MANAGEMENT

COMMUNITY CONSTRUCTION NOTICE

As a part of the \$2.4 billion Capital Improvement Program, the Department of Watershed Management (DWM) will be improving the capacity and service of the watershed systems serving your community.

CONTRACTOR ON-SITE:
The Renee Group (RGI)

Heavy equipment and badged work crews will be in your area.
For information or to report a construction related problem, please call 1-800-986-1108.



Scan for Social

www.dekalbwatershed.com * 1.800.986.1108 * projectinfo@dekalbcountyga.gov



DEKALB COUNTY WATERSHED



CONTRACTOR




Public Communications Update

Mrs. Alicia T. Pennie
Public Relations Manager

COMMUNICATIONS STRATEGY



LETTERS

 770.414.2355 (o) Watershed Management
404.298.4446 (t) 4572 Memorial Drive
DeKalbCountyga.gov Decatur, Georgia 30032

February 11, 2018

Subject: Package III Gravity Sewer Project

Dear Resident,

As part of DeKalb County's \$1.345 billion capital improvement program, the Department of Watershed Management (DWM) will be improving the capacity and service of the Wastewater systems serving your community. The **Package III Gravity Sewer Project** will be designed to move wastewater from a lower elevation to a higher elevation. The gravity sewer improvement projects will provide maintenance ease, increase capacity and reduce sanitary sewer overflows in the Stone Mountain and Decatur area.

This letter serves as formal notification that construction activities associated with this project will begin **March 2018**. Normal construction hours will be from 7 a.m. to 7 p.m., Monday through Friday, excluding major holidays. Property owners will be notified in advance of significant changes in scheduled work hours.

Please be advised to expect an increase in construction-related noise and traffic, during work hours. Property owners will be notified 45 to 72 hours prior to the start of impactful construction activities. Our construction crews will work diligently to minimize the length of impact to residents.

The gravity sewer improvement project is expected to last approximately 20 months, with construction completed in February 2020. Garney Construction, working on behalf of DeKalb County, is the authorized contractor for the **Package III Gravity Sewer Project**. All workers will be wearing proper identification and driving marked vehicles.

Should you have any questions or concerns regarding the **Package III Gravity Sewer Project**, please do not hesitate to contact the DWM Project Information line at 1-800-986-1108 or email projectinfo@dekalbcountyga.gov.

We appreciate your patience as we work diligently to make improvements to DeKalb County's sanitary sewer collection system.

Chief Executive Officer
Michael Thurmond

Board of Commissioners

District 1
Nancy Jester

District 2
Jeff Rader

District 3
Larry Johnson


District 4
Stephen Bradshaw

District 5
Mereda Davis Johnson



District 6
Kathie Gannon

District 7
Loraine Cochran-Johnson

DOOR HANGERS



NOTIFICATION



Department of Watershed Management
Package III Gravity Sewer Project

The DeKalb County Department of Watershed Management's Office of Engineering & Construction Management Services (ECMS) has initiated a project to **design and build** a new wastewater treatment gravity sewer project.

Please be advised to expect **lorem ipsum lorem ipsum lorem ipsum**. Signs and traffic flaggers will assist drivers in moving safely around the closures.

Work hours for the project will be from 7 a.m. – 7 p.m., Monday through Friday, excluding major holidays. In some cases, weekend work may be necessary. Our construction crews will work diligently to minimize the length of impact to residents. Also, please note all staff working on behalf of DeKalb County will have proper identification and will drive marked contractor vehicles.

All inquiries about this project should be directed to projectinfo@dekalbcountyga.gov or 1-800-986-1108. We appreciate your patience as we work diligently to make improvements to DeKalb County's water distribution system.

 [facebook.com/2656830669.02642](https://www.facebook.com/2656830669.02642)  twitter.com/2656830669.02642

Chief Executive Officer - Michael Thurmond

D1 – Comm. Nancy Jester D5 – Comm. Mereda Davis Johnson
D2 – Comm. Jeff Rader D6 – Comm. Kathie Gannon
D3 – Comm. Larry Johnson D7 – Comm. Greg Adams Sr.
D4 – Comm. Steve Bradshaw

EMAILS

Email (HTML) Email (Plain Text)

From: Watershed Management Department - DeKalb <dekalbcountywatershed@public.govdelivery.com>
Subject: American Fare Lift Station Abandonment and Gravity Sewer Construction Update



COMMUNICATIONS STRATEGY



TOUCHPOINTS



Project Hotline



Website



Social Media



News Release



County Newsletter,
The Relay

- DCTV
- Next Door
- Project Signs
- GovDelivery
- Contractors
- FAQ

COMMUNICATIONS STRATEGY



Like, Follow, & Subscribe To Stay In The Know

NEXTDOOR

FACEBOOK

TWITTER

YOUTUBE



CONTACT INFORMATION



- Customer Questions?

- Project Information: 1-800-986-1108
- Email Inquiries: projectinfo@dekalbcountyga.gov

- Contact Information:

- Cassandra Marshall: cmmarshall@dekalbcountyga.gov 678-614-9060
- Bacchus Jackson: bdjackson@dekalbcountyga.gov 678-614-6611
- Danny Mathis: dmathis01@dekalbcountyga.gov 678-237-3121
- Kian Baniassad: kbaniassad@dekalbcountyga.gov 678-794-1041

- Dispatch Emergency Information:

- Phone: 770-270-6243
- Email: dekalbwaterops@dekalbcountyga.gov

QUESTIONS

